



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NORTH DAKOTA, Central and West

NDZ010>011

Mountrail - Ward

**11 1100CST
12 1100CST**

0 0

Winter Weather/Mix

A very late season winter weather event hit northern North Dakota on May 11th and May 12th. Surface low pressure tracked farther south than expected and allowed cold air to filter into northern North Dakota out of Canada. Eight to 12 inches of snowfall was reported over the two day period with snow depths of two to six inches. Water equivalent in the snow was one to two inches. About two-thirds of Mountrail County was without power for at least part of the event as at least 150 power poles began failing as early as 4:00 pm CST on the 11th. There was also extensive tree damage. In Ward County there was damage at 158 different line locations, including wire breaks, damaged cross arms, broken poles and insulators. One-thousand customers were left without power. Hardest hit areas were Berthold, Des Lacs, South Prairie, Max and Carpio.

La Moure County

5 W La Moure

**11 1615CST
1616CST**

0 0

Hail(0.88)

La Moure County

8 NW La Moure

**11 1625CST
1630CST**

0 0

Hail(1.00)

La Moure County

4 N La Moure

**11 1716CST
1721CST**

0 0

Hail(1.00)

Stutsman County

1 E Montpelier

**11 1911CST
1916CST**

0 0

Hail(0.75)

NDZ019>020-034-042-045 **Mercer - Oliver - Morton - Grant - Sioux**

**15 1600CST
1900CST**

0 0

High Wind (ES37)

A strong cold front moved through southcentral North Dakota on the evening of May 15, 2004. At its peak, the wind was sustained at 43 mph and gusted to 53 mph. Within a few hours after the front passed through the strong winds diminished.

Bottineau County

2 W Willow City

**19 1502CST
1505CST**

0 0

Hail(0.75)

Pierce County

**5 E Barton to
6 E Barton**

**19 1549CST
1554CST**

1 600

0 0

Tornado (F1)

The tornado destroyed a barn.

Rolette County

Nanson

**19 1620CST
1625CST**

0 0

Hail(1.75)

Grant County

Carson

**21 1800CST
1810CST**

0 0

Hail(0.88)

Mckenzie County

32 W Grassy Butte

**28 2022CST
2025CST**

0 0

Hail(0.75)

Storm was accompanied by heavy rain and strong winds.

Mcintosh County

4 SW Ashley

**29 1608CST
1609CST**

0 20

0 0

0 0

Tornado (F0)

A tornado briefly touched down in rural country and then completely lifted.



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NORTH DAKOTA, Central and West

McIntosh County

4 SW Ashley	29	1608CST 1611CST			0	0			Hail(0.88)
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McIntosh County

4 SW Ashley to 3 S Ashley	29	1614CST 1629CST	3	60	0	0	0	0	Tornado (F1)
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Tornado during "rope" phase of its life cycle.

This tornado remained in rural country. It was produced by the same thunderstorm that produced the tornado minutes earlier in the same county (McIntosh).

McIntosh County

Ashley	29	1630CST 1632CST			0	0			Hail(0.75)
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McIntosh County

Ashley	29	1642CST 1645CST			0	0			Hail(0.88)
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Stutsman County

South Portion	29	2030CST 2200CST			0	0			Flash Flood
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A strong and nearly stationary low pressure system caused very heavy rainfall in south central North Dakota on Saturday, May 25, 2004. In southern Stutsman County, 2 to 4 inches of rain fell in a short period of time on already saturated ground. A number of maintained county roads were under water and had to be closed. The worst hit area was from Montpelier west to Highway 281. The State Agricultural Department reported that 685 farms and 80,000 acres of cropland were impacted by the flooding. They also reported 10 percent losses to the following crops: wheat, barley, corn, soybeans, flax, sunflowers and dry beans

NDZ031>032-040>041-043>044

Golden Valley - Billings - Slope - Hettinger - Bowman - Adams

	31	1100CST 1700CST			0	0			High Wind (EG51)
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A strong surface low became nearly stationary on the North Dakota/Minnesota border on May 31, 2004. Strong winds began in the morning and increased to warning levels in southwest North Dakota by noon. The highest wind was from the northwest sustained at 46 mph gusting to 59 mph. The winds fell below warning criteria later in the evening, but did not diminish until midnight, as the low began to move eastward away from North Dakota.